

# SOMMERZEITung

No.42 | Summer 2015

**SOMMER:** New bi-directional SOMloq2 radio technology

**SOMMER:**  
A look back on trade shows and events

**GROKE:** Promotions and innovations

**DOCO:** New technologies for your gate business



base<sup>+</sup>: The garage door operator  
of the next generation



The "ENTRAsys FD" is a reliable biometric access control system with weatherproof housing. Doors can be opened without keys or access cards; users always have their access authorization on them, namely their fingerprints. Compatible with the conventional SOMMER radio receivers and operators. Easy installation and quick programming is standard for SOMMER products.

"ENTRAsys FD" fingerprint system  
FM 868.8 MHz: Part no. 5058V000



# Editorial



**D**ear business partners, dear readers,

Only together we are strong, and only as a unit we can successfully shape the future. That is why we, the SOMMER Group, support our customers and their partners in their work. In doing so, we help to increase the recognition of your own brand, for example with individual product labels. We support your marketing strategies, provide advices for sales and assist with our knowledge concerning events and trainings. In order that you and your company can sell your customers the

best products, we at SOMMER have decided to always manufacture our products in accordance with valid standards and guidelines and to certify them as well. Even products made in line with individual customer requirements are always subject to the same standards, guidelines and laws.

Our commitment and drive is to offer state-of-the-art products and services which feature many product advantages compared to the competitors. High SOMMER quality is a central point of our business, and it comes at a fair price. In the current edition of the SOMMER ZEITung, we would like to introduce the product innovations and technologies in the world of doors, gates, barriers, and operator and radio control systems. We would also like to invite you to discover the Sommer Group and our activities.

Happy reading!  
From

Your SOMMER team

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# Brand-new operator: S 9060 base+

**T**he next generation of garage door operators is here: Faster. Brighter. More secure. More intelligent.

We at SOMMER set a clear goal for the new generation of our garage doors: We wanted to revolutionise the proven and successful SOMMER technology of the travelling motor.

The S 9060 base+ is easy to operate, quiet and extremely long-lasting. Installation is easier than ever before.

Your wishes and suggestions were approved and realised. We are very proud that this new generation is a product resulting from our mutual experience.

SOMMER wants to go forward with you.

REQUEST YOUR DOCUMENTS AT:  
[www.sommer.eu/de/kontakt.html](http://www.sommer.eu/de/kontakt.html)  
[info@sommer.eu](mailto:info@sommer.eu)



## YOUR BENEFITS AT A GLANCE:



Quiet, uniformly gentle movement



Controlled contract pressure in the end position of the gate



Compensation for ground unevenness



LED illumination



Bi-directional radio control system



High flexibility thanks to module system



Quick installation, since components are pre-installed and Plug&Play principle is used



Fast opening velocity with max. 240 mm/s



Locking and unlocking possible in any position



Pre-selectable door types via DIP switch, therefore learning for the corresponding door in line with standards



Low-wear electricity consumer for chain and track



Intelligent soft run adjustment from any movement



Blockage recognition of the gate (e.g. with strong frost)



Direct connection of the safety contact for the slip door and a safety edge on the carriage



Cyclically tested safety facilities and memory check



Motor combined with high automatic locking with active break-in protection



Additional added value options and individualisation thanks to optional accessories:

- Alarm/warning buzzer
- Humidity sensor
- Locking magnet
- Additional illumination
- Extended radio memory



**WE LISTEN!**

**WE ACT!**

## Quick installation

- Intelligent carriages, chains and pre-assembled chain tension
- Automatic end point detection

## Everything you need

- A single box for easy transport and storage
- Tracks can be easily extended for higher gates (accessories)
- Individual adaptations to the on-site conditions

## Extra class

- More sales arguments thanks to countless extras
- Sockets marked by colour and labelled (Plug&Play)

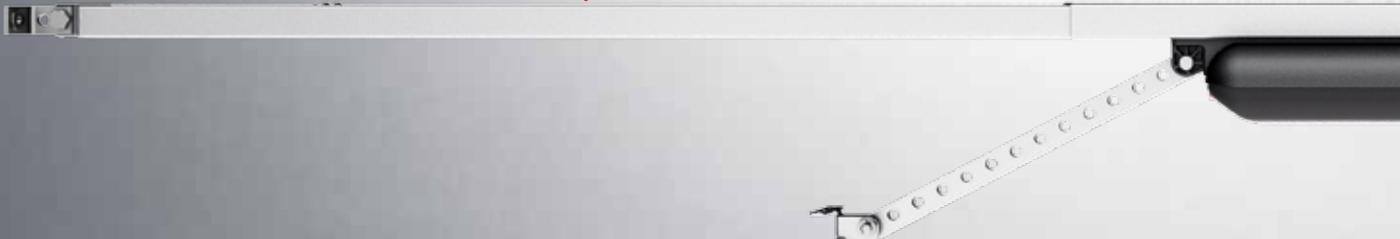
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### Track unit

The track unit, included in the standard equipment, allows sectional doors up to 2,500 mm in height and swing doors up to 2,700 mm in height to be opened. Even taller doors can be opened problem-free with a track extension (available as an accessory).

### Additional connection options without spiral cable directly on carriage

- Direct terminal for slip door contact
- Direct connection for safety edge OSE or 8k2



WE DELIVER!

## Good trespass protection

- Motor with high automatic locking and active counter-movement
- Locking in any position
- Bi-directional radio technology with Rollingcode (128 bit AES encryption)

## Increased safety

- Locking/unlocking in any position
- High automatic locking
- Integrated blockade detection
- Cyclically tested safety facilities

## More comfort

- Smooth operation due to soft run
- On-site adjustments easy via DIP switch
- Very low radiation exposure of bi-directional radio technology
- Make settings easily via SOMlink app

### Chain

Fixed, galvanised, nickel-plated and high-quality chain. Low-wear, since the chain does not move.

### Ceiling suspension unit

- Flexible and easy to install

### Connection option Ceiling control unit

- Pulse button
- Warning light 24 V/DC, max. 25 watt
- 2- or 4-wire light barrier
- Additional socket light (Lumi base+)
- Additional socket relay
- Socket battery pack



MADE IN GERMANY

## Everything fits

### Even more options

The new generation of SOMMER Garage door operators open up a wide range of additional business thanks to the easily-installed additional modules (Plug&Play).

#### »Memo« extended radio memory

Used to expand the memory to 450 hand-held transmitter commands. During service, saved data can be easily adopted for a new carriage. (Part no. 10373)

#### »Lumi base+« additional illumination

Additional LED lighting for the roof control. It is switched in parallel with the lighting in the carriage and can be easily switched on and off using the light function by means of a transmitter. (Part no. 7041V000)

#### »Senso« humidity sensor

For recording temperature and air humidity in the garage. The carriage automatically opens the door a bit if necessary, ensuring perfect circulation. When the optimal value has been achieved, the door is closed, reducing the risk of mould formation. (Part no. 10371)

#### »LOCK« locking magnet

The locking magnet mechanically blocks the motor in any position up to an attack force of 300 kg. This improves the existing break-in protection. (Part no. 1651V000)



#### SOMlink service module

The SOMlink module offers a wide variety of setting options for the new SOMMER products on your smartphone or tablet by means of the Web app.





## Market launch of the new generation 2015

PART DESCRIPTION	PART TYPE	PART NUMBER	DELIVERY FROM
S 9060 base+	Garage door operator	8700V000	CW 25
S 9080 base+	Garage door operator	8800V000	End of Q3
S 9110 base+	Garage door operator	8500V000	Middle of Q4
S 9060 pro+	Garage door operator		Middle of Q4
S 9080 pro+	Garage door operator		Middle of Q4
S 9110 pro+	Garage door operator		End of Q4
<b>PLUG&amp;PLAY ADDITIONAL MODULES</b>			
Memo	Accessories	10373	CW 25 / Q2
Senso	Accessories	10373	CW 25 / Q2
Lock	Accessories	1651V000	CW 25 / Q2
Relay	Accessories	7042V000	CW 25 / Q2
Lumi base+	Accessories	7041V000	Middle of Q3
Lumi pro+ additional illumination	Accessories		Middle of Q4
<b>ACCESSORY INSTALLATION</b>			
Direct installation mounting bracket	Accessories	7045V000	Middle of Q3
Coupler connection for carriage	Accessories		Middle of Q3
Low headroom bracket set including rear GTA plug-in adapter	Accessories	7044V000	Middle of Q3
Extension set 1096 mm	Accessories	10460V000	Beginning of Q3
<b>RADIO CONTROL SYSTEM ACCESSORIES</b>			
Pearl Vibe SOMloq2	Bi-directional radio control system	4019V000	CW 25 / Q2
SOMlink	Accessories	7040V000	CW 25 / Q2





# Product innovations & information



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## Improved RUNner

**Y**ou know the SOMMER RUNner as the powerful operator for sliding gates up to 600 kg and 8 m in width.

The maintenance-free operator as well as the controller have now been improved even more. The RUNner contains a new motor, the D77mm, instead of the previous D63mm. The diameter of the new motor is somewhat larger than the old one. There's one thing you can count on: The RUNner remains a big hit among sliding gate operators.

## Thank you for your feedback

Our RUNner operators S 900 and SP 900 contain a software update.

For this update we took into consideration your suggestions. It makes operation even faster and easier for you and your end customers.

The new programming in automatic mode makes annoying pressing down of the button in dead man mode operation unnecessary. A short pulse triggers the first opening run of the gate for learning in the force values at standard speed including soft run ramps.

Even in the event of an emergency release or power failure, the learning run can be started easily with the press of a button. In this case, the force values and end positions remain saved and normal operation is possible without any problems after the learning run.



Increased force values RUNner

max. torque: +30%  
rated torque: +33%



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## New rotatable light barrier

You know the reliability of the SOMMER one-way light barrier.

In order to simplify the installation even more, SOMMER has something on offer for you: the 180° rotatable pcb. This makes the SOMMER one-way light barrier even easier to install without a mounting bracket or complicated auxiliary structures. The rotatable pcb enables smooth align-

ment of the transmitter to the receiver, even if the installation conditions are difficult. Of course, the new rotatable SOMMER one-way light barrier is still characterised by its high range and excellent reliability, even under unfavourable environmental and weather conditions. The reflection suppression

detects even small objects. Reflective, non-transparent objects are detected. The integrated extraneous light filter provides optimal shielding, for example against solar radiation. This means proven functionality and reliability and simplified and problem-free installation.

### TECHNICAL DETAILS:

Temperature range -10 °C to +60 °C  
Rated voltage AC/DC 12 - 24 V  
Range limit 20 m  
Dimensions 105 x 37 x 35 mm  
Angle of rotation 180 °  
IP-code IP55



#### DID YOU KNOW?

Did you know that the new SOMMER frame light barrier is installed directly in the frame? This makes it nearly invisible and also optimally protects it from twisting and damage.

#### TECHNICAL DETAILS:

Range limit: 8m

Suitable for outdoor installation

Connection: 2-wire

Operating temperature:

-20°C to +60°C

IP-code: IP67

LxWxH: 75x25x25mm





## SOMloq2 – Bi-directional radio technology

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The safety standards of the 128 bit AES encryption used are comparable with the standards of online banking. One trillion PCs would have to test a billion keys per second. Then all options would have been tried in about 10 years!

The SOMloq2 transmitters are compatible with the existing SOMMER radio systems with an 868.95 MHz basis. Despite the increased radio traffic of the bi-directional radio control system, the radiation exposure is reduced considerably by the data throughput in the package mode; mobile phones put out up to 2000 times more radiation.

## YOUR BENEFITS AT A GLANCE:

- Radio frequency 868.95 MHz
- Bi-directional radio control system reports whether the sent command is being processed by the receiver and enables the gate position to be queried
- Distance and device-dependent dead-man function for set-up mode
- Compatible to the previous SOMMER Radio Control System, i.e. spare part deliveries and control of previous SOMMER solutions with the new transmitters are possible
- Safe coding and protection from hackers thanks to 128 bit AES encryption
- Increase in range and radio quality due to hop function: Active forwarding of the signal via SOMMER products (max. 2 hops)
- Reliable opening thanks to auto repeat function: Transmitter sends a signal cyclically every 3 seconds until feedback is given
- High reception sensitivity
- High transmitter performance and better radiation values
- Reduced radiation exposure despite higher data throughput thanks to shorter transmission period and less transmission power
- Safety and copy protection due to in-house hardware and software development with proprietary wireless system with AES encryption, file creation exclusively in the company head office
- Future-proof and universal: Radio protocol prepared for future products and data
- Appealing packaging of the new transmitters in blister packs: technicians can operate the transmitter on-site to be protected from dirt, appealing packaging for your sales room



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Noticeable quality of radio control system thanks to feedback vibration.



### DID YOU KNOW?

The ENTRAsys FD is generally compatible with every conventional automatic lock.

Our ENTRAsys FD is particularly well-suited for the following brand-name manufacturers:

KFV; Roto; GU; FUHR; Winkhaus



## Powerful testing

**T**he new closing force measuring devices at SOMMER

With closing force measuring devices KMG-2000-G and KMG-Lite, you can now get two new measuring devices from SOMMER. The KMG-2000-G fulfils all requirements of standards EN 12445 and DIN 18650. In addition to its countless technical strengths, the device will also win you over with its graphic force progression display. This enables a differentiated assessment of the closing and reverse processes even in special cases using the force-time progression. The recorded measurement values can be transmitted, managed and archived comfortably via the integrated USB interface. The KMG-Lite was specially designed for simplified closing

force measurement, for example in the framework of the annual maintenance checks. No settings are necessary for executing the measurement. If force is applied, the integrated measurement value recording and assessment according to EN 12453 and DIN 18650 begins automatically. The measurement result is displayed directly after the course of a measurement span. If the dynamic time is exceeded ( $t_{dyn}$ ) or the permissible end forces are violated ( $F_{end}$ ), this is signalled by blinking light spots. The dynamic peak force value ( $F_{dyn}$ ) determined is displayed numerically. The values for  $t_{dyn}$  and  $F_{end}$  can be displayed via the press of a button.

### KMG-2000-G

- Satisfies DIN 18650 and EN 12445
- 20 .. 2000 N measurement range
- Graphic illustration of the force curve
- Illuminated display
- Internal measurement curve memory (500 measurements)
- USB interface for uncomplicated data transmission
- Integrated operation menu in three languages

### KMG-Lite

- Ideal for maintenance checks in accordance with ASR A 1.7
- 20 .. 1600 N measurement range
- Simple operability
- Numerical measurement value display
- Self-illuminated display
- Autom. evaluation of standard characteristic values  $F_{dyn}$ ,  $t_{dyn}$ ,  $F_{end}$
- KMG Lite price: 735
- KMG Lite distance set price: 153



# Trade shows and events

## A look back R+T 2015 in Stuttgart



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**R**+T in Stuttgart is the world's leading trade show for roller shutters, doors and sun protection. Around 900 exhibitors from all over the world presented their products and innovations to more than 60,000 visitors on over 100,000 square meters of space. Exciting special exhibits, forums and information events rounded out the display.

The SOMMER Group presented their complete range of products in two booths on 415 m<sup>2</sup> of exhibition space. With DOCO, the newest developments in gate hardware were at centre stage, while the newly-designed SOMMER booth placed the main focus on garage door operators.

The trade show booth was well visited on all five days. The resonance and very good feedback was music to our ears. In a relaxed atmosphere and with coffee roasted especially for SOMMER, we talked shop about the convenience and safety of the new operator technology of the new bi-directional radio technology.

We are pleased that so many international customers took parts in our SOMMER event at the Eventpalast in Kirchheim. The day was brought to a close with good food, excellent music and an upbeat atmosphere.

## BAU 2015

From January 19 to 24, the BAU trade show, the leading trade show for architecture, materials and systems, took place in Munich. 250,000 visitors, over 2000 international exhibitors: It is second to none. Of course, the SOMMER Group took part with SOMMER; Groke and DOCO International.

BAU was once again a great success for the SOMMER Group. The huge crowd at our booth, constructive and interesting conversations with customers and interested parties reinforced the quality of the work we do. BAU was rounded off by a framework program which included topics such as energy-efficient construction, the future of construction, socially responsible construction as well as countless special events and exhibits. A special kind of event.

SOMMER thanks you for the pleasant conversations and the positive attention.

We are already looking forward to BAU 2017.

## A look back Europapark Rust

Industrial door operator training

Together with DOCO, SOMMER organised a training on the SOMMER industrial door operators and the DOCO door configurator for our French customers in the Europapark Rust training centre. Questions and concerns were discussed and answered in a relaxed atmosphere. The participants were very interested and eager to learn more. The event was a success for all parties. SOMMER and DOCO were happy to receive the feedback. We would like to thank everyone involved! A particular success for us and many of the guests was the close contact to the families of the participants who enjoyed themselves in the park terrain.



## A look back DOCO Czech Republic

SOMMER at DOCO Czech Republic

The new showroom, the offices and other rooms and the DOCO Czech Republic employees were presented to countless guests from the Czech Republic, Slovakia, Poland and Hungary. First and foremost, the goal was to improve collaboration and finally personally meet the people with whom our customers so often interact. The event was the first of its kind in the Czech Republic and was a huge success. We look forward to other personal meeting events and continued positive collaboration.

## A look back Opening ceremony in Sweden

The SOMMER subsidiary for Scandinavia has received new rooms and a new warehouse. Quicker deliveries to our Scandinavian customers was the goal for the new business premises. We used this event as an

occasion to introduce ourselves to our Scandinavian partners and customers. The new GIGA operators were presented and our subsidiary DOCO and the high-quality products from our company were introduced.

The weather was perfect and the atmosphere was high-spirited. Particularly positive was that countless new customers came to the opening and were informed about the products of the SOMMER Group.

## Building your own garage doors

**S**OMMER and DOCO show you how to successfully build your own garage doors.

Together with DOCO, SOMMER organised trainings for door assembly with DOCO components in autumn of 2014. The interest in these events in our main company office in Kirchheim / Teck was enormous. We would like to thank you for this! The SOMMER Group assists you, the dealers and technicians, with all our ability and know-how in the development and production of your own garage doors.

We help you in the search and selection of suitable suppliers and in compiling your own portfolio by including related products to round out your offer. The speakers from SOMMER and DOCO showed the participants options for building their own garage doors and assembling sectional doors for private use according to individualised requirements. Of course, the required technical equipment, helpful tools



as well as marketing measures and certification options were covered. The benefits of assembling your own door were also shown: these range from the chance of higher earnings, setting yourself apart from the competitors, establishing and securing you brand, increased flexibility and competitiveness to technological variability. The huge success of this

training showed us that we, the SOMMER Group, are on the right path and we want to continue to build upon the close cooperation with our dealers. We will support your with all our ability in the future and look forward to the next trainings, seminars and workshops with you.

## Worthy of a film

The SOMMER YouTube channel

You want to get to know the SOMMER team better? You are interested in our product videos or would like to know more about our products and our company? Then visit our SOMMER YouTube channel. In addition to our employees, the products of the SOMMER Group will be introduced here. A wide variety of tips and tricks will help you in your work.

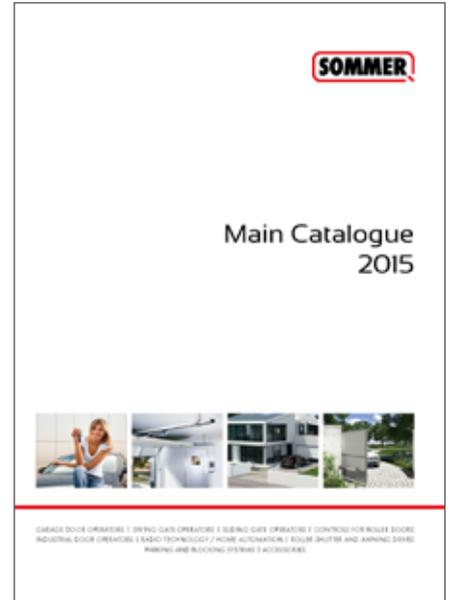


You can find the SOMMER YouTube channel at:  
[som4.me/youtube](https://www.youtube.com/som4)  
We look forward to your visit and feedback.



## Everything shines – nice and new

If you want to stay young, you have to invest and work hard. We at SOMMER have therefore made an effort to redesign our business documents. The new layout should not only appear fresher and more modern, but also improve organisation and user-friendliness. This makes catalogues and handouts more clearly positioned for dealers. The brochures are more for the end customers as silent sellers. Interesting for you: The new SOMMER main catalogue 2015 as well as the new special catalogue for SOMMER industrial door operators and accessories in the first edition. Our measurement concept is also radiant in its new look. After an intensive search, we have found a suitable partner who perfectly realises our ideas and wishes.



**DID YOU KNOW?**

Did you know that the SOMMER twist XL operator is strong enough to operate an underwater door? Do you also have special application purposes for SOMMER operators? Tell us about them!

[som4.me/unterwasser](http://som4.me/unterwasser)



# Groke promotions

## All-Inclusive 2015 and Express 2015

### Groke front doors

**G**roke has an offer for you, namely special promotions. And in two excellent models with break-in protection. The selected aluminium doors are characterised by their excellent heat insulation and their modern appearance.

The standard equipment of the promotional doors include the popular Arcade and Symphonie profile systems, high-quality P4A glazing in three options as well as the tried-and-trusted Groke handles and the high-quality stainless steel roses. For both varieties, the proven three-fold locking as well as two pin retainers in the upper and lower area of the door leaf ensure break-in protection.



**GUARANTEED VALUE**  
– GROKE FRONT  
DOORS WITH BREAK-IN  
PROTECTION

and fitting in the complete structure. All house doors and side sections have high-quality 9.5 mm thick laminated safety glass on the outside. Of course, all promotional house doors can be combined with the ENTRAsys FD finger scanner. The reliable biometric access control system opens front doors without a key or access card, just a fingerprint. ENTRAsys FD is characterised by high security (only »living fingers« obtain access) as well as easy access management and the customisable storage of fingerprints.

Request Groke promotional brochures at [info@groke.de](mailto:info@groke.de)

### Available colours

The front doors of both promotions are available in the following colours without an additional charge: Standard colour, glossy, similar to RAL 9016 (traffic white) and in the colours in stock, microstructure, similar to RAL 9006 (white aluminium), similar to RAL 9007 (grey aluminium), varnish, similar to DB 703,

similar to RAL 7016 (anthracite grey), similar to RAL 3005 (wine-red) and similar to RAL 8077 (brown). All promotion doors and side panels are tested for burglar resistance in accordance with DIN EN 1627-RC 2. This test confirms that there are no weak points at door leaf, door panel, glazing, frame, lock

## Promotion All-Inclusive 2015

Front doors with break-in protection (DIN EN 1627 RC 2)

The Groke »All-Inclusive 2015« promotion is being extended to 08/31/2015. In addition, we are extending the promotion to include some new features. »All-Inclusive« now offers 48 door models with a 94 mm panel. The leaves of the models are covered on both sides. Select between seven trendy RAL colours as well as clear glass, Mastercaré or Satinato glazing. And all that at an unbeatable combi price. The offer now contains the »ENTRAsys FD« access system in two design models: »Classic« and »Slider«. The aluminium doors of the »All-Inclusive

2015« promotion feature first-class heat transition coefficients (UD values) of up to 0.71 W/M<sup>2</sup>K. The new promotion brochures no longer contain price suggestions. You can optimise your offer.

### GENERAL INFORMATION:

- Minimum size: 900 x 1990 mm  
Maximum size: 1150 x 2240 mm
- Minimum size: 1100 x 1990 mm (only A14 and A15)
- Grooves 8 mm wide
- Ornamental frame in stainless steel on the outside

- Doors in 7 trendy colours, single colour inside and outside at the same price (dual colour - outside: one of the 7 trendy colours, inside: RAL 9016 white - additional charge)
- Door panels and side sections are equipped with a 3-fold glazing («warm edge»): U<sub>g</sub> value panel glazing 0.5 U<sub>g</sub>  
Side section glazing 0.6
- Without installation
- For additional accessories, see catalogue

## Promotion Express 2015

House doors with break-in protection (DIN EN 1627 RC 2)

All year round, the »Express 2015« promotion offers 15 aluminium design doors with a 42 mm insert panel in one of 7 trendy RAL colours as well as clear glass, Mastercaré or Satinato glazing. At an unbeatable combi price.

And the best part: This amazing promotion is valid for all of 2015. The aluminium doors of the »Express 2015« promotion feature first-class heat transition coefficients (UD values) of up to 1.23 W/M<sup>2</sup>K.

### GENERAL INFORMATION:

- Minimum size: 900 x 1990 mm  
Maximum size: 1150 x 2240 mm
- Minimum size: 1100 x 1990 mm (only Express -14 and Express-15)
- Ornamental frame in stainless steel on the outside
- Doors in 7 trendy colours, single colour inside and outside at the same price (dual colour - outside: one of the 7 trendy colours, inside: RAL 9016 white - additional charge)

- Door panels and side sections are equipped with a 3-fold glazing («warm edge»):  
U<sub>g</sub> value of panel glazing 0.8  
U<sub>g</sub> value of side section glazing 0.6
- Without installation
- For additional accessories, see catalogue

# More comfort due to automatic system: The innovative doors from Groke

## Innovative door solutions

**G**roke presented its new house doors at BAU 2015. The innovative door solutions make it possible to create the house door system you really want. It does not always have to be standard: Get inspired.

### The "Enemy of the Cold" A door with recessed seal

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Groke doors have three uninterrupted insulation layers around the door by default. This offers a high level of protection against cold and ensures a high level of wind- and weather-proofing. If a ground sill is not wanted, a recessed seal can be installed with just a few accessories. The "Enemy of the Cold" can be installed on all standard Groke doors and guarantees tightness without gaps. The main advantage: The door remains barrier-free. Entering is more comfortable and safer, especially for older people or people with physical limitations. The height and level equalisation (lift 13 mm) is automatic.

### The "Comfort": Door with swing gate operator

The low-maintenance but invisible swing gate operator brings invaluable convenience and comfort to



any home. The low-energy operator is sturdy, very quiet and has long lifetime. The motor and control are assembled inconspicuously in the leaf.

It is always possible to make revisions. The system is suitable for all doors with leaf panels covered on both sides. The appearance of the door is retained. The automatic opener works with a remote control or with the tried-and-tested ENTRAsys finger scanner. Manual opening and closing is still possible.





## The "Barrier-Free": Door with automatic sliding system

The Groke door with automatic sliding system is both innovative and a real eye-catcher for any home. The barrier-free access guarantees safe and comfortable operation. This is an enormous gain in comfort and convenience, especially for older people or people with physical limitations. The door is automatically opened with a remote control or with the tried-and-tested ENTRAsys finger scanner. Currentless operation is also possible in the event of an emergency. Operation is easy and safe. Installation and commission is easy and works in accordance with the »Plug&Play« principle. This also ensures easy maintenance. The frame is integrated directly into the wall. Only the door leaf is visible; it slides into the wall recess when the door is opened. The prototype of the Groke sliding door presented at BAU 2015 is currently being prepared for serial production. The automatic sliding system is very quiet and is characterised by a long lifetime as well as the application of innovative technologies. The sliding door features excellent thermal insulation properties and is waterproof.



# DOCO International Solutions for your gate business

## New generation of fitting system for industrial door operators

Fittings from DOCO International are high-quality, and are designed for maximum sustainability and simple installation. Fulfilling the high demands, DOCO is not just presenting an advancement of the existing fitting system for industrial door operators today; it is a new generation.

## Innovative and long-lasting

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The heavy-duty spring brake safety mechanism of the new fitting system is characterised by its extremely stable construction. The new generation of end position panels enables perfect steel cable positioning. By using alignment profiles, you can be sure that the safety tracks are always perfectly aligned. This prevents the rollers from rolling out of the tracks or curves. Guarantees safety in all positions



## Quick and easy installation

The C-rail can be used as an installation aid and as a measurement tool for distance monitoring. This facilitates installation and saves time. You always have a perfectly functioning door in a perfect frame space. The adjustable angled bracket enables problem-free installation for doors with a roof slope without having to drill. The frame with the dual sealing system positions the complete door

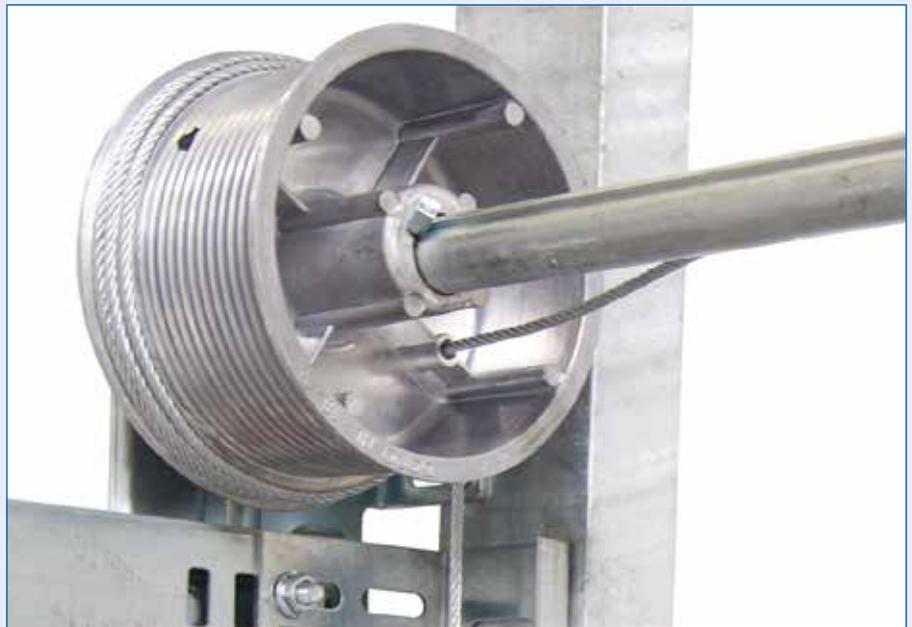
panel, using an installation flange, about 20 mm from the installation area. This creates perfect access to the double oblong holes. The vertical track set can thereby be installed quickly and easily on the installation surface. The dual side sealing ensures the best door parameters for the new generation of fitting systems, such as the U value and air and water permeability.

Further information on  
the new fitting systems  
is available at:  
[som4.me/beschlag](http://som4.me/beschlag)

## Double safety drum

The 11 new versions of the DOCO double safety winding drum offer maximum lift and the highest safety standards for nearly any industrial door operator. The extremely light but durable drums do not weigh much thanks to the aluminium construction.

Further information  
can be found on the  
DOCO website at:  
[som4.me/seiltrommel](http://som4.me/seiltrommel)



## Adjustable coupling

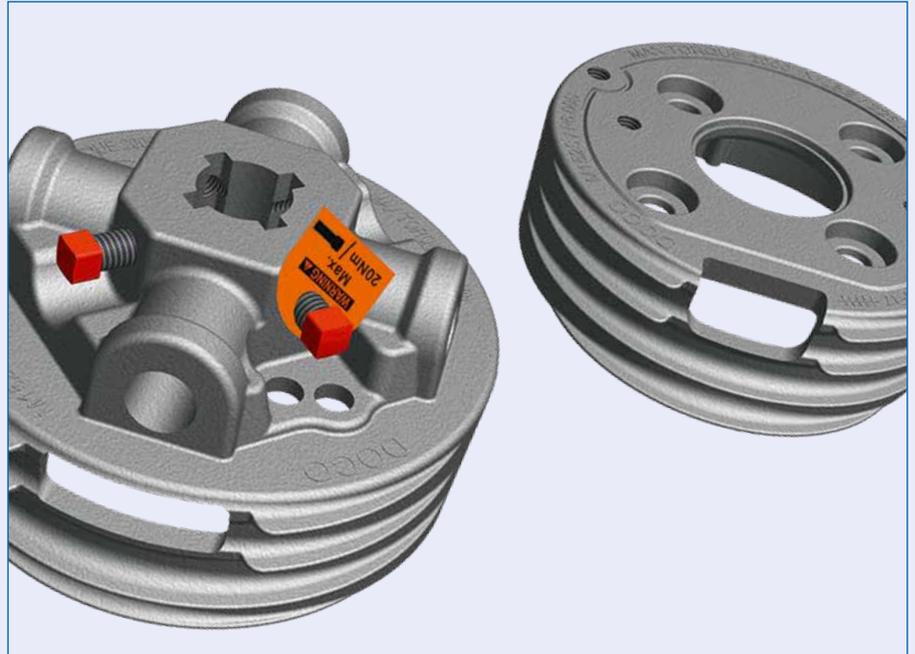
Starting now, DOCO is offering a new adjustable shaft coupling (part no. 275003) for 1 inch shafts. It is comparable with the previous industrial coupling version (part number 25042). The new version is characterised by considerably lower weight of only 0.7 kg compared to the previous 1.33 kg. The cast steel shaft coupling is composed of two halves with a groove and screws. It is suitable for 25.4 mm shafts with grooves.

Further information  
can be found on the  
DOCO website at:  
[som4.me/wellenkupplung](http://som4.me/wellenkupplung)



## New spring plugs

The M-152 spring plug (part no. 120050) is new in the DOCO International range. The aluminium spring plugs are both light and very durable. The scope of delivery includes one fixed head and one expansion chuck. The graduated circle of the holes for duplex spring assembly is 87 mm and 100 mm (expansion chuck). The graduated circle of the M10 holes is 100 mm and 138 mm (fixed head). The expansion chuck has two 3/8" screws. The fixed head has a 50.8 mm bearing seat. The maximum torque of the torsion spring is 226 Nm. The spring plug is suitable for 25.4 mm shafts. The maximum torque of the bolts is 20 Nm.



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Further information  
can be found on the  
DOCO website at:  
[som4.me/federkopf](http://som4.me/federkopf)

## New hardware components (For 20 mm EPCO panels)

New in the DOCO product range are the hardware components for the 20 mm EPCO panels.

The following are available starting now:

- Bottom brackets (part no. 240003)
- Side hinges (part no. 230201)
- Central hinges (part no. 230200)
- Upper roller holder (part no. 230108 - 109)
- Ground profiles (part no. 820108 - 109)
- End caps (part no. 217112 - 119)
- Upper profiles (part no. 820901 - 902)
- Upper profiles with gasket (part no. 225040)
- Rollers (part no. 250107)
- Torx screws (part no. 150113)
- Ground seal rubber (part no. 825107)

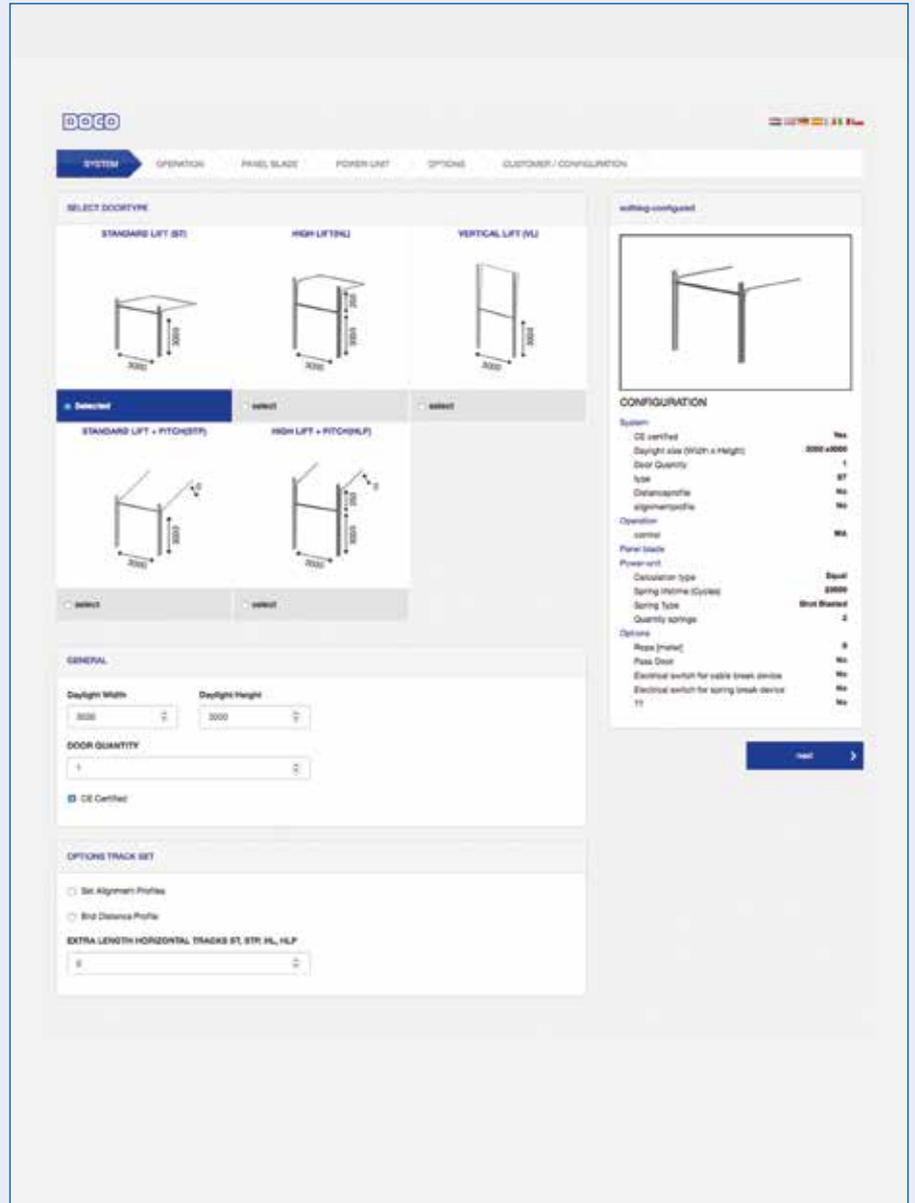
You can find more information at the DOCO website at:  
[som4.me/hardware](http://som4.me/hardware)

## New industrial door configurator

Soon in all major languages

The DOCO International industrial door configurator allows you to perform a quick and clear configuration of your industrial door systems. The configuration is currently only available in English and Dutch. Other languages to follow.

[ [som4.me/torkonfigurator](http://som4.me/torkonfigurator) ]





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